

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023227.D
 Acq On : 21 May 2022 03:24
 Operator : SY/VA
 Sample : N2929-06RE
 Misc : 7.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTG0RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	52	rBV2	34108	84582	5.84%	0.720%
2	2.349	67	73	81	rBV2	176739	287345	19.82%	2.445%
3	2.495	92	97	105	rVB	42434	77561	5.35%	0.660%
4	2.879	154	160	168	rVB	74043	153972	10.62%	1.310%
5	3.019	178	183	191	rVB2	30252	64165	4.43%	0.546%
6	3.379	234	242	252	rVB2	33044	78519	5.42%	0.668%
7	3.556	266	271	272	rBV3	1984	3197	0.22%	0.027%
8	3.727	292	299	304	rVV6	3444	8497	0.59%	0.072%
9	3.842	313	318	319	rBV5	1161	1813	0.13%	0.015%
10	4.013	334	346	358	rBV	150564	458455	31.63%	3.900%
11	4.123	358	364	374	rVB	32717	84141	5.81%	0.716%
12	4.385	400	407	417	rVB5	3863	12664	0.87%	0.108%
13	4.922	482	495	504	rBV5	9722	37703	2.60%	0.321%
14	5.379	562	570	571	rBV	3280	7091	0.49%	0.060%
15	5.781	629	636	648	rVB6	5685	19282	1.33%	0.164%
16	5.934	653	661	663	rBV7	6087	11817	0.82%	0.101%
17	6.104	684	689	691	rBV5	2292	2972	0.21%	0.025%
18	6.190	700	703	706	rBV4	819	1336	0.09%	0.011%
19	6.397	733	737	740	rBV4	1848	3443	0.24%	0.029%
20	6.836	806	809	811	rBV4	1223	1715	0.12%	0.015%
21	6.909	811	821	826	rBV8	5468	15293	1.06%	0.130%
22	7.074	840	848	859	rBV	59614	173482	11.97%	1.476%
23	7.391	898	900	904	rBV4	1105	1721	0.12%	0.015%
24	7.458	909	911	913	rBV3	1592	1698	0.12%	0.014%
25	7.506	913	919	920	rBV5	989	1488	0.10%	0.013%
26	7.647	931	942	955	rBV	257489	616602	42.54%	5.246%
27	7.781	962	964	967	rVB4	1646	1470	0.10%	0.013%
28	8.043	1005	1007	1015	rVB7	2010	3627	0.25%	0.031%
29	8.159	1017	1026	1031	rVB7	1789	4440	0.31%	0.038%
30	8.275	1034	1045	1062	rBV2	461509	1449440	100.00%	12.332%
31	8.567	1088	1093	1095	rBV6	3196	4607	0.32%	0.039%
32	8.701	1108	1115	1121	rBV3	9354	22639	1.56%	0.193%
33	8.842	1127	1138	1149	rBV	425018	843057	58.16%	7.173%
34	9.043	1163	1171	1174	rBV6	7012	17777	1.23%	0.151%
35	9.085	1174	1178	1188	rVB2	19867	44866	3.10%	0.382%
36	9.274	1196	1209	1217	rBV	333032	685256	47.28%	5.830%

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 Title : SFAM01.0

37	9.409	1225	1231	1245	rVB4	18389	44273	3.05%	0.377%
38	9.506	1245	1247	1254	rVV8	1134	1916	0.13%	0.016%
39	9.665	1270	1273	1275	rBV3	2113	2254	0.16%	0.019%
40	10.037	1325	1334	1342	rVV	152391	289394	19.97%	2.462%
41	10.116	1345	1347	1355	rVB8	3067	6734	0.46%	0.057%
42	10.207	1359	1362	1367	rBV4	1685	3159	0.22%	0.027%
43	10.323	1373	1381	1387	rBV	632470	1127077	77.76%	9.589%
44	10.384	1387	1391	1401	rVB	37520	72550	5.01%	0.617%
45	10.500	1404	1410	1415	rVB7	6358	12033	0.83%	0.102%
46	10.579	1416	1423	1433	rBV	108981	186840	12.89%	1.590%
47	10.738	1444	1449	1461	rVB2	17160	34092	2.35%	0.290%
48	10.860	1461	1469	1475	rBV	400630	675047	46.57%	5.743%
49	10.920	1475	1479	1490	rVB	245915	417333	28.79%	3.551%
50	11.073	1496	1504	1513	rBV	113330	193065	13.32%	1.643%
51	11.177	1518	1521	1524	rVB5	2298	2723	0.19%	0.023%
52	11.518	1574	1577	1579	rBV4	1338	1781	0.12%	0.015%
53	11.567	1582	1585	1588	rVV5	2721	3780	0.26%	0.032%
54	11.628	1588	1595	1605	rVV	551507	951943	65.68%	8.099%
55	11.725	1606	1611	1618	rVB	27638	49621	3.42%	0.422%
56	11.835	1620	1629	1637	rVB3	11563	30817	2.13%	0.262%
57	11.945	1641	1647	1652	rBV4	18052	36983	2.55%	0.315%
58	12.012	1653	1658	1671	rVB	88470	150809	10.40%	1.283%
59	12.164	1679	1683	1689	rVB6	6308	12673	0.87%	0.108%
60	12.231	1692	1694	1698	rBV4	1586	2031	0.14%	0.017%
61	12.341	1707	1712	1718	rVB3	11309	18708	1.29%	0.159%
62	12.463	1728	1732	1736	rVB7	4127	6785	0.47%	0.058%
63	12.603	1750	1755	1760	rBV2	23721	41667	2.87%	0.354%
64	12.688	1763	1769	1779	rVB	275603	467473	32.25%	3.977%
65	12.768	1779	1782	1784	rBV4	1161	1431	0.10%	0.012%
66	12.810	1784	1789	1795	rVB6	4058	7678	0.53%	0.065%
67	12.865	1795	1798	1799	rBV3	2938	2750	0.19%	0.023%
68	12.932	1806	1809	1815	rVB5	9586	16286	1.12%	0.139%
69	13.036	1820	1826	1830	rBV	14523	23168	1.60%	0.197%
70	13.097	1830	1836	1842	rBV4	26727	50340	3.47%	0.428%
71	13.152	1842	1845	1850	rVB4	12034	19456	1.34%	0.166%
72	13.213	1850	1855	1860	rBV2	17610	30304	2.09%	0.258%
73	13.402	1877	1886	1891	rBV4	27117	53966	3.72%	0.459%
74	13.481	1895	1899	1904	rVB7	6498	11938	0.82%	0.102%
75	13.554	1904	1911	1921	rBV	411678	657091	45.33%	5.590%
76	13.652	1923	1927	1932	rVB6	4915	8790	0.61%	0.075%

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 Title : SFAM01.0

77	13.755	1941	1944	1949	rVV7	2246	4375	0.30%	0.037%
78	13.853	1952	1960	1973	rVB	343093	582123	40.16%	4.953%
79	14.017	1982	1987	1990	rBV6	4820	8227	0.57%	0.070%
80	14.066	1990	1995	2003	rVB2	34494	60967	4.21%	0.519%
81	14.200	2015	2017	2019	rBV3	2208	1773	0.12%	0.015%
82	14.322	2033	2037	2043	rVB8	9719	15060	1.04%	0.128%
83	14.524	2068	2070	2074	rVB4	2231	2479	0.17%	0.021%
84	14.621	2081	2086	2089	rBV7	3591	6124	0.42%	0.052%
85	14.688	2093	2097	2099	rBV4	2462	3967	0.27%	0.034%
86	14.719	2099	2102	2105	rVV4	5027	6475	0.45%	0.055%
87	14.773	2108	2111	2112	rBV3	2128	1911	0.13%	0.016%
88	14.810	2113	2117	2120	rVB6	2367	3726	0.26%	0.032%
89	14.865	2120	2126	2131	rBV9	2001	4807	0.33%	0.041%
90	14.944	2136	2139	2144	rBV5	2802	5192	0.36%	0.044%
91	15.243	2185	2188	2194	rVB8	2501	5142	0.35%	0.044%
92	15.304	2196	2198	2203	rBV6	1111	1660	0.11%	0.014%
93	15.359	2203	2207	2209	rBV4	1832	2842	0.20%	0.024%
94	15.481	2220	2227	2231	rBV2	4609	9660	0.67%	0.082%
95	15.846	2285	2287	2290	rVB3	1650	1552	0.11%	0.013%
96	15.938	2300	2302	2304	rBV3	2093	2209	0.15%	0.019%
97	16.218	2343	2348	2349	rBV5	1408	2222	0.15%	0.019%
98	16.261	2354	2355	2362	rVV7	1190	1967	0.14%	0.017%
99	16.487	2389	2392	2396	rVV5	2807	3007	0.21%	0.026%
100	16.602	2406	2411	2414	rVB7	1139	1903	0.13%	0.016%

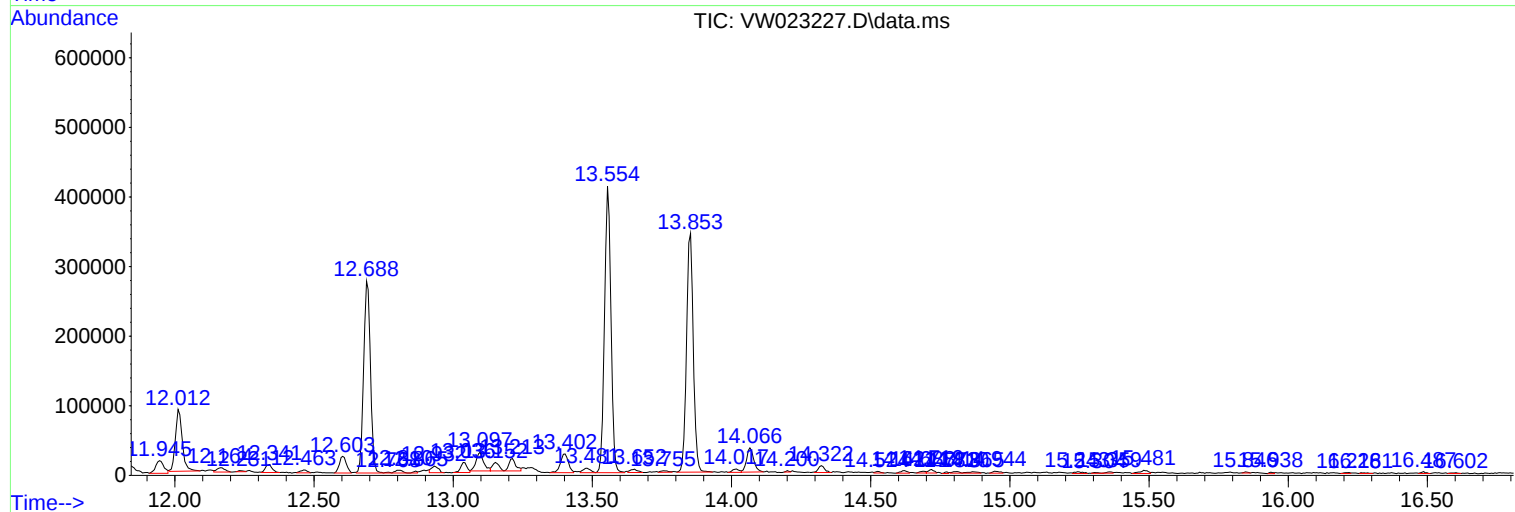
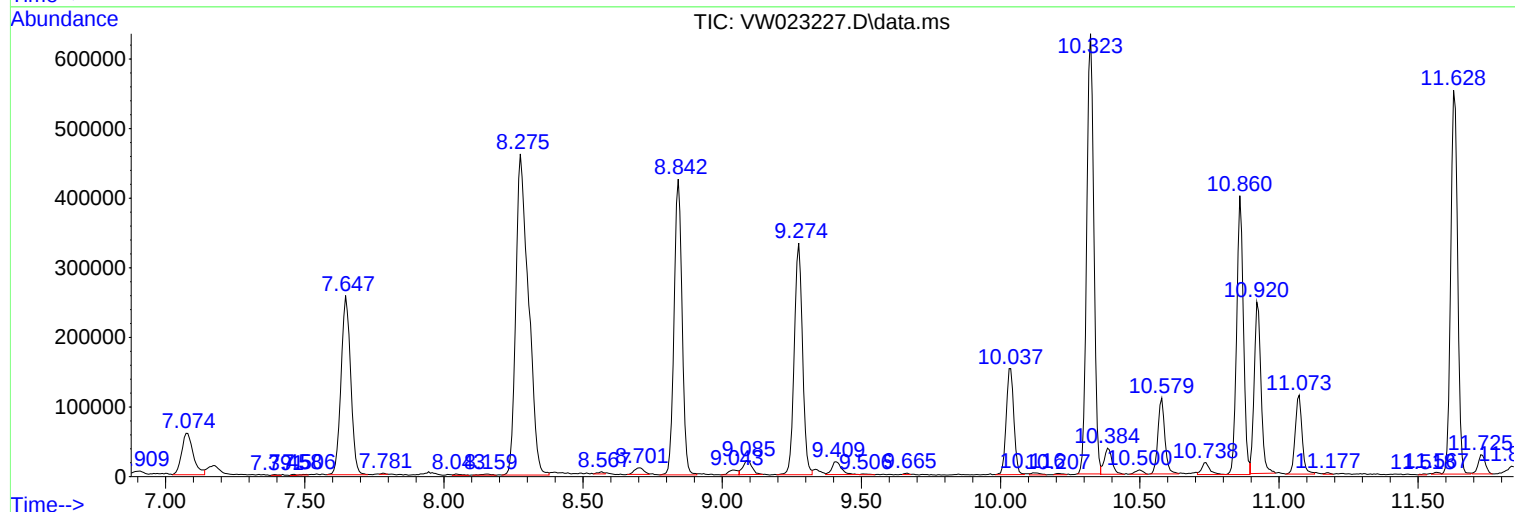
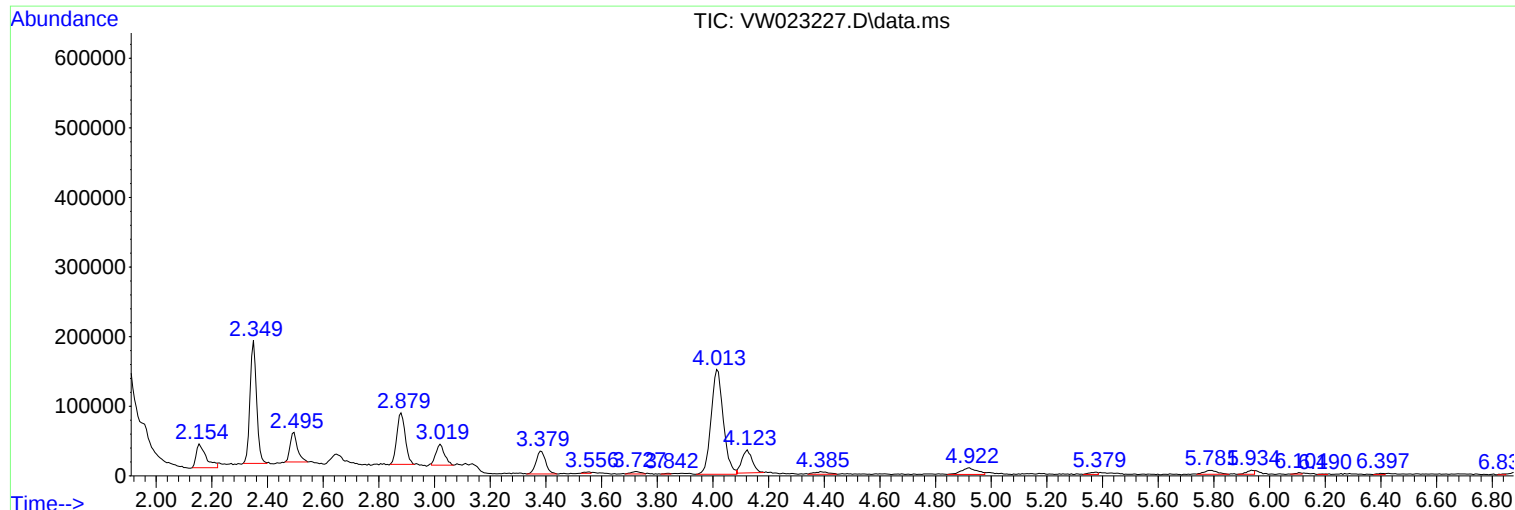
Sum of corrected areas: 11753862

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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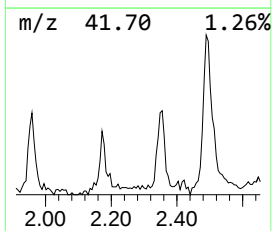
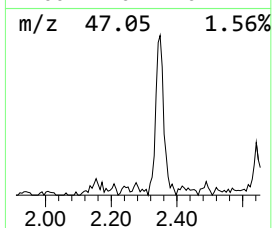
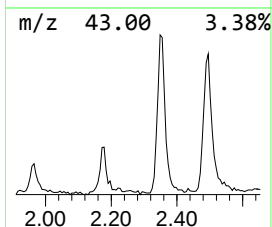
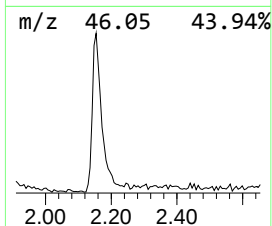
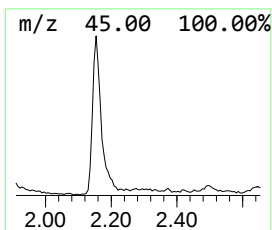
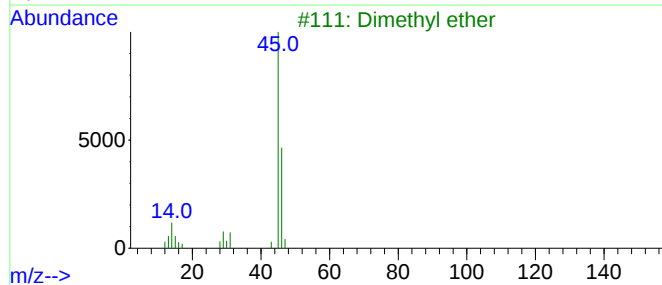
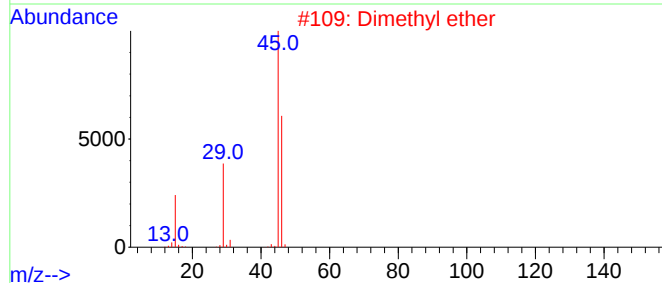
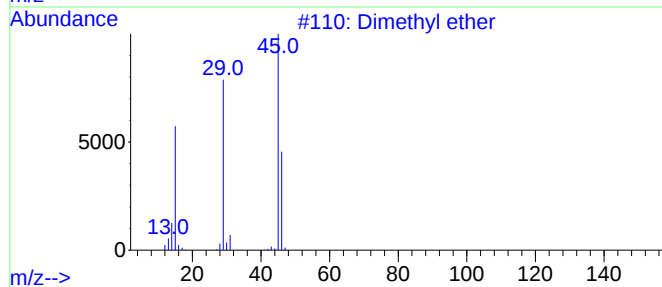
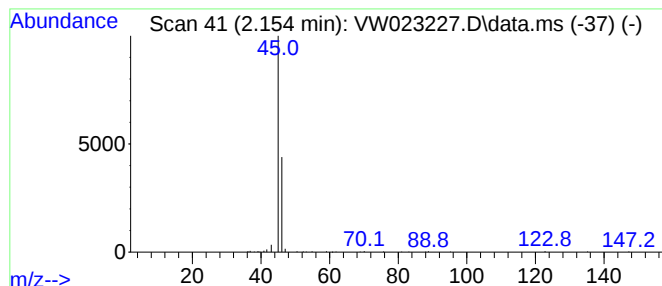
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	2.51 ug/L	84582	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	9
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Dimethyl ether	46	C2H6O	000115-10-6	7
4			Ethanol	46	C2H6O	000064-17-5	7
5			Ethanol	46	C2H6O	000064-17-5	7



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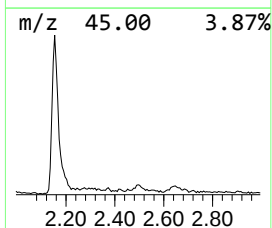
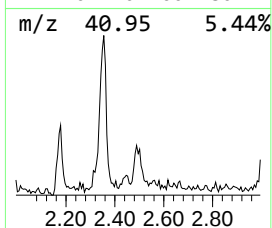
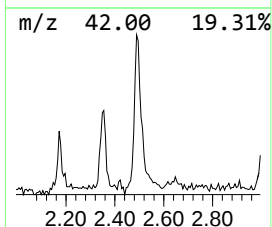
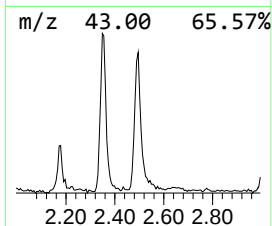
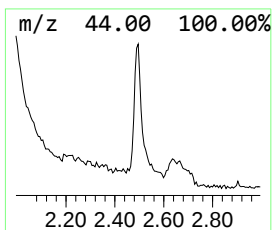
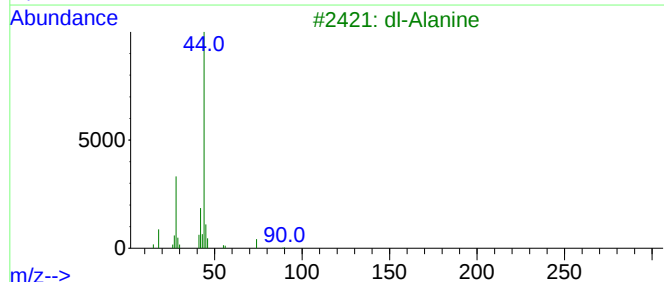
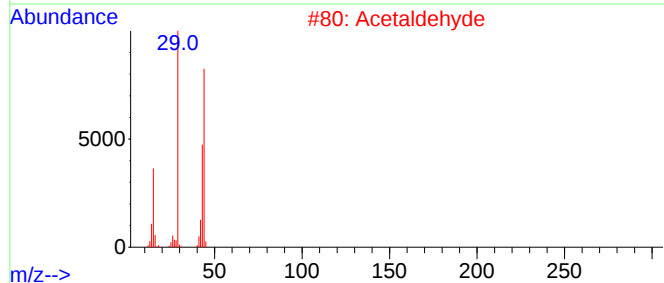
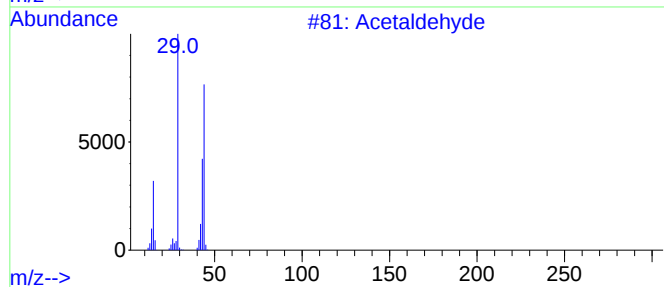
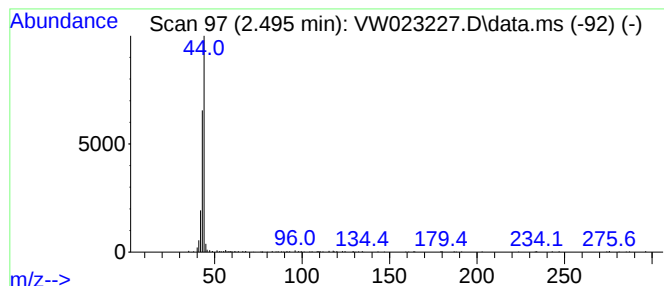
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Acetaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	2.30 ug/L	77561	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	50
2			Acetaldehyde	44	C2H4O	000075-07-0	50
3			dl-Alanine	89	C3H7NO2	000302-72-7	9
4			Ethylene oxide	44	C2H4O	000075-21-8	9
5			dl-Alanine	89	C3H7NO2	000302-72-7	9



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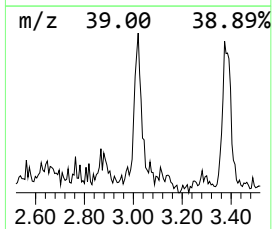
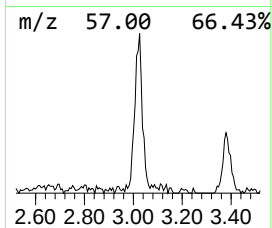
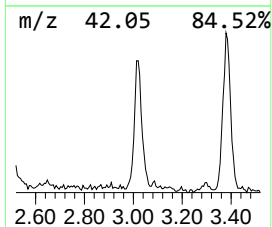
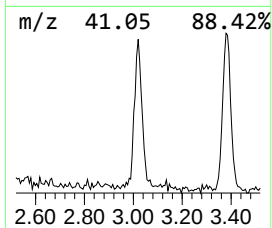
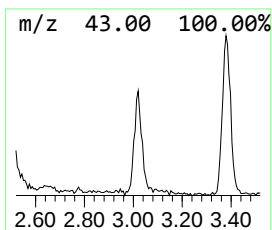
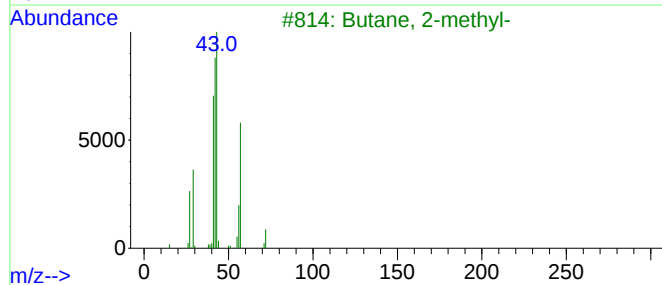
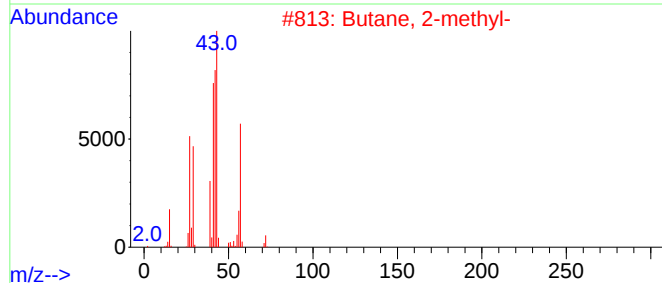
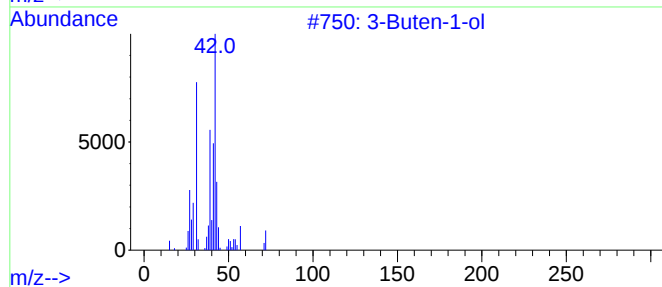
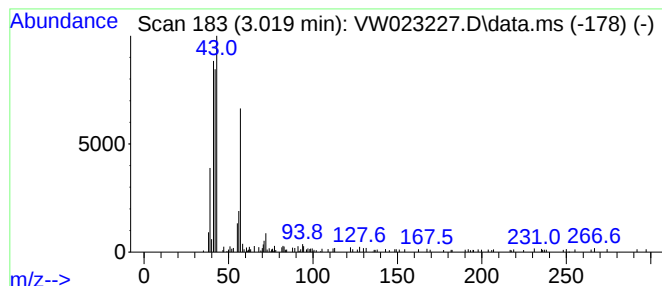
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Buten-1-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.019	1.90 ug/L	64165	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-1-ol	72	C4H8O	000627-27-0	56
2			Butane, 2-methyl-	72	C5H12	000078-78-4	46
3			Butane, 2-methyl-	72	C5H12	000078-78-4	43
4			2-Butene-1,4-diol, (Z)-	88	C4H8O2	006117-80-2	40
5			Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

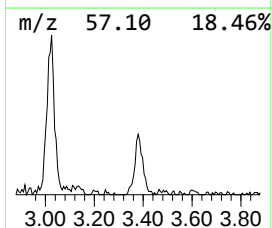
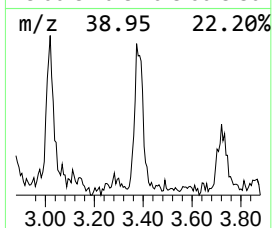
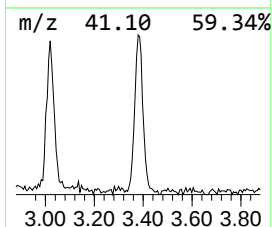
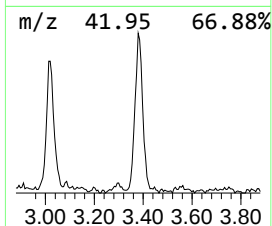
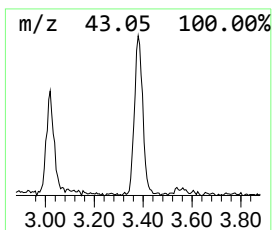
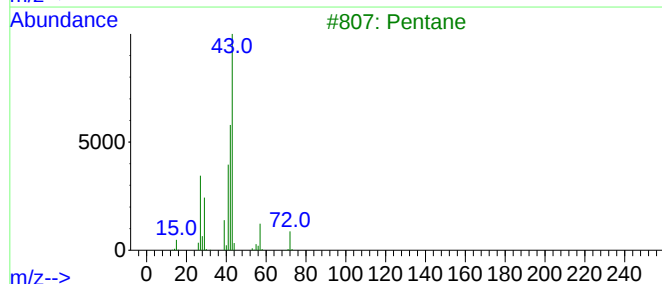
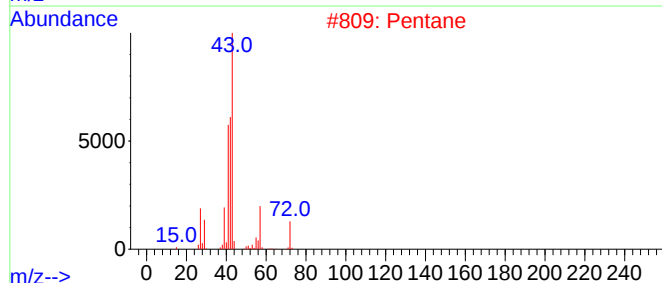
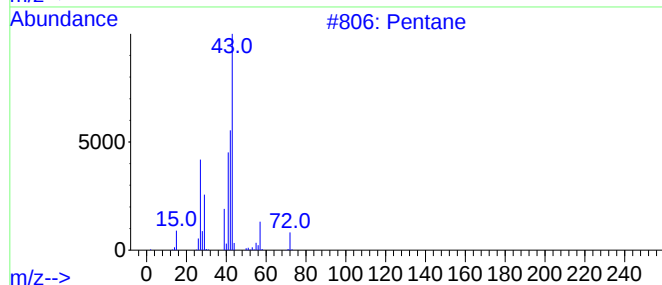
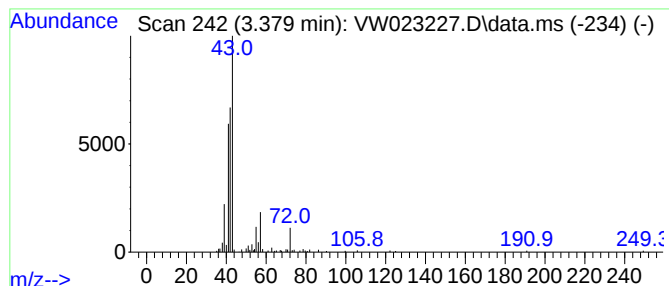
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.379	2.33 ug/L	78519	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	86
2	Pentane			72	C5H12	000109-66-0	72
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

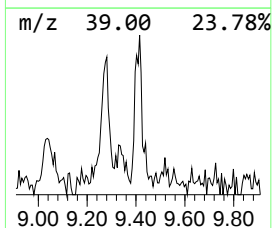
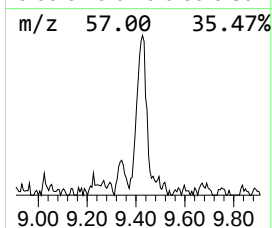
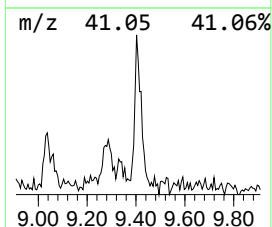
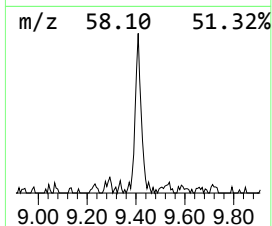
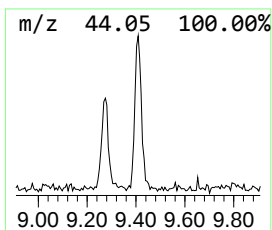
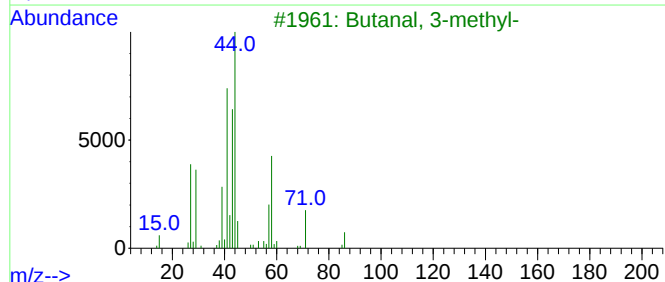
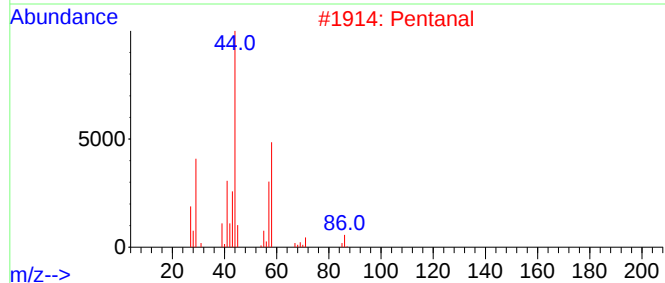
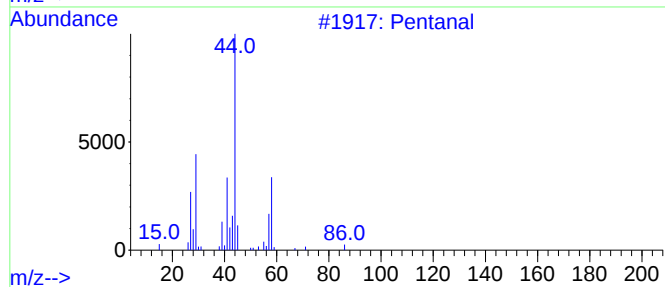
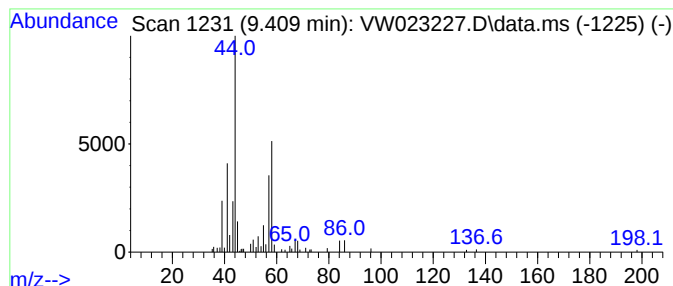
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	1.31 ug/L	44273	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	78
2			Pentanal	86	C5H10O	000110-62-3	72
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	72
4			Benzeneethanamine, 3-benzyloxy-2...	275	C16H18FNO2	103439-01-6	43
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

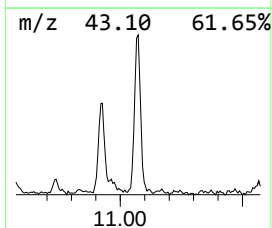
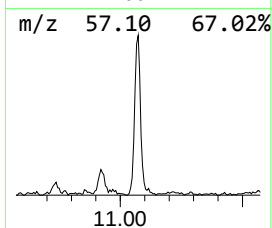
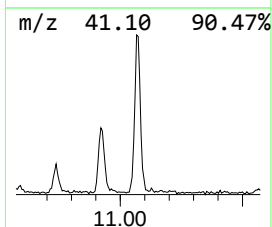
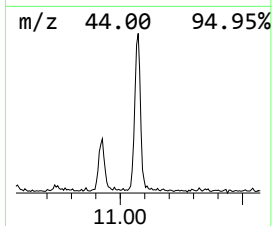
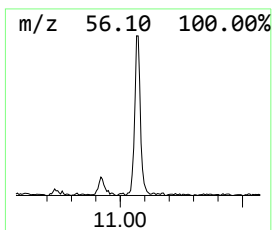
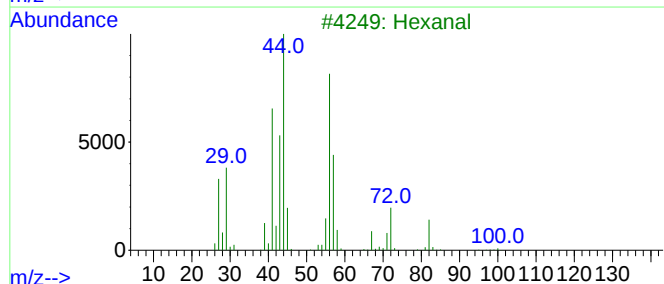
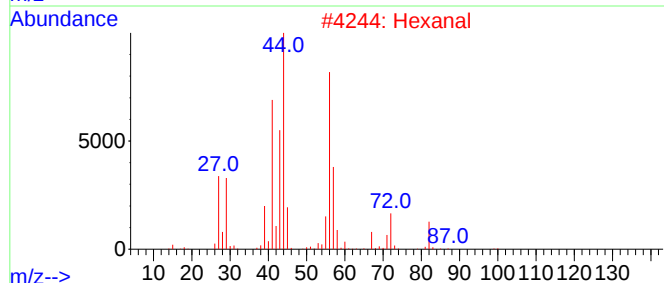
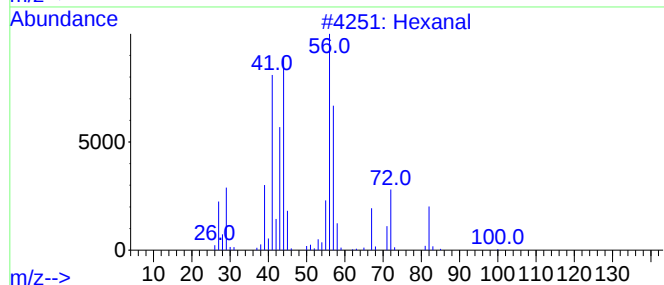
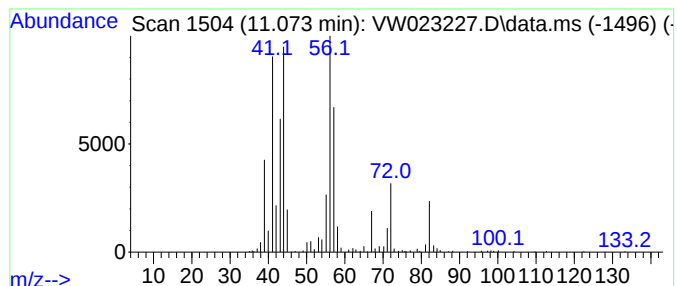
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	5.07 ug/L	193065	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	74
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

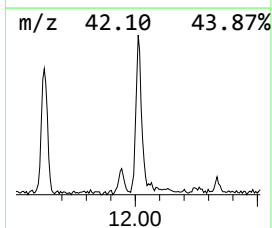
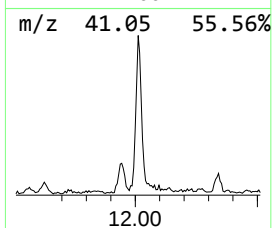
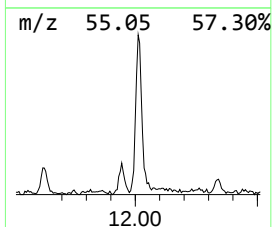
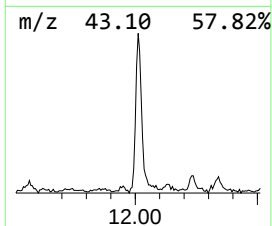
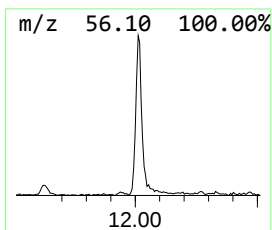
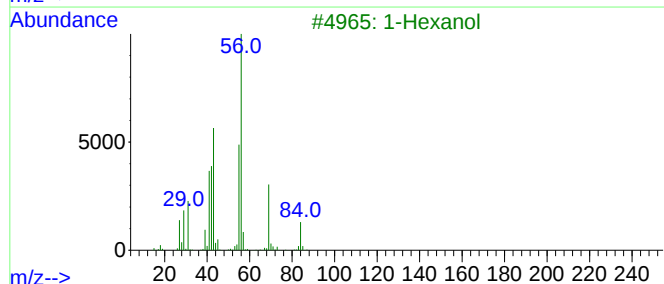
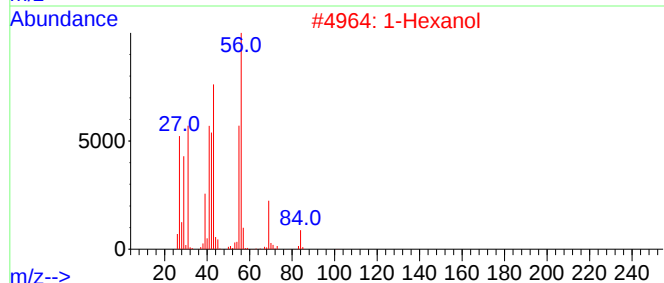
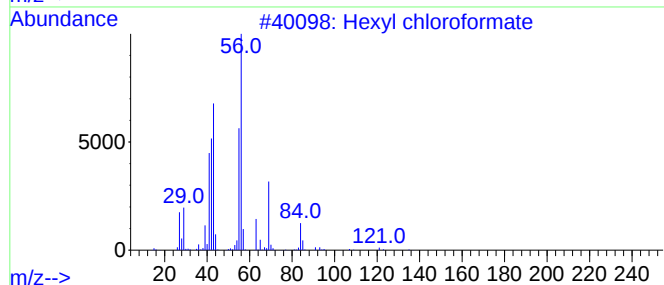
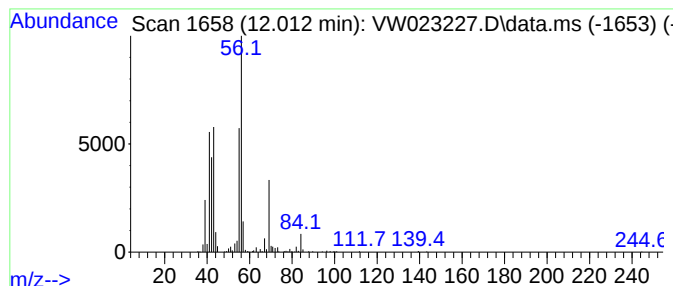
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexyl chloroformate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.012	3.96 ug/L	150809	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexyl chloroformate	164	C7H13ClO2	006092-54-2	90
2			1-Hexanol	102	C6H14O	000111-27-3	78
3			1-Hexanol	102	C6H14O	000111-27-3	78
4			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
5			1-Hexanol	102	C6H14O	000111-27-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

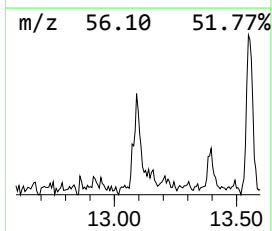
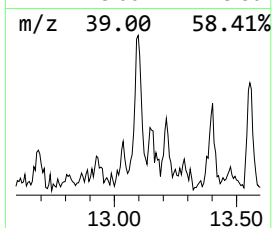
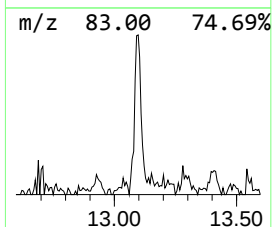
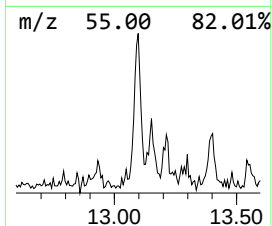
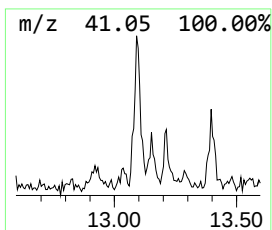
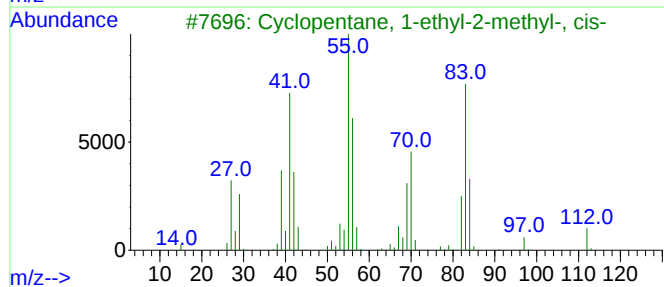
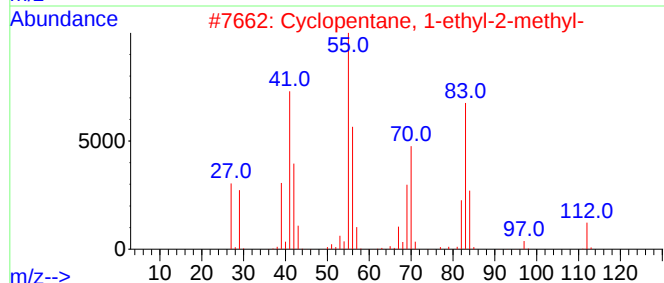
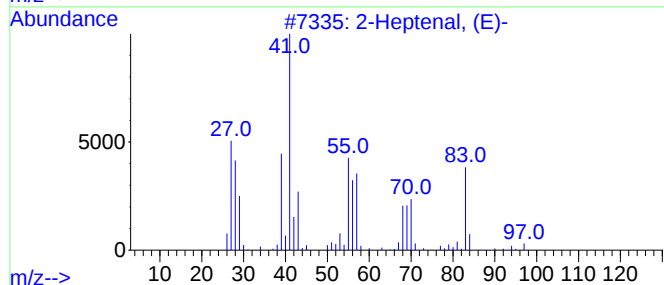
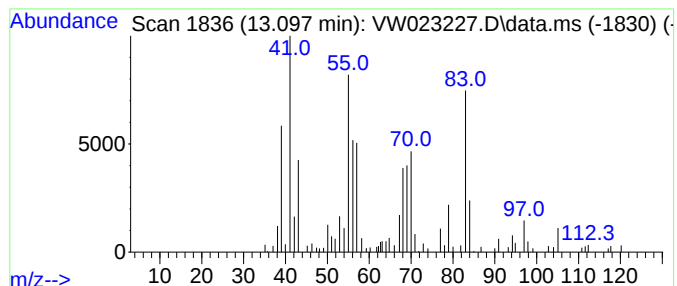
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Heptenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	1.92 ug/L	50340	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (E)-	112	C7H12O	018829-55-5	72
2			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	58
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
4			1-Hexyn-3-ol	98	C6H10O	000105-31-7	53
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

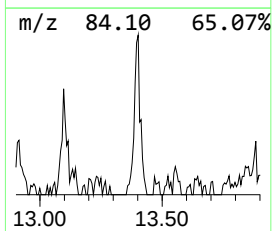
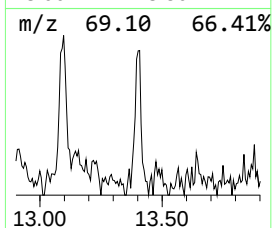
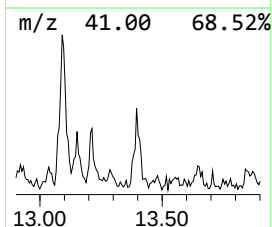
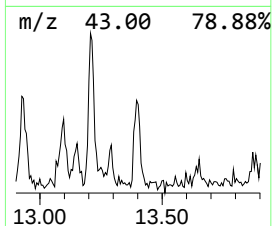
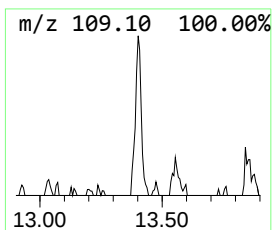
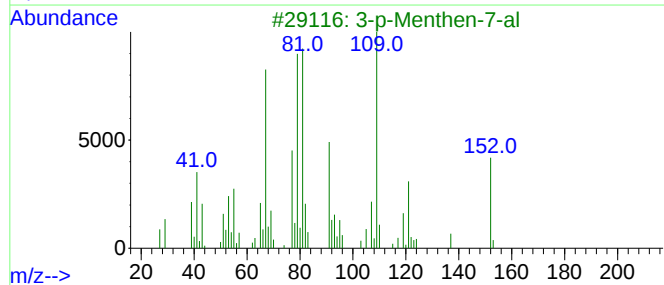
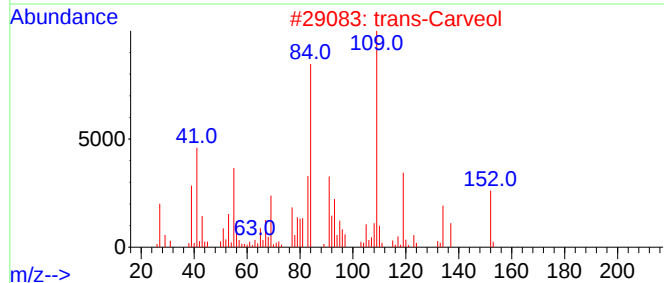
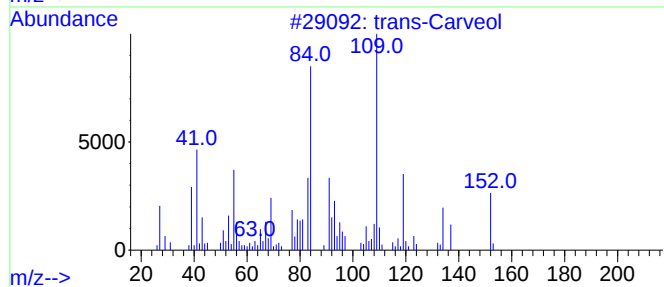
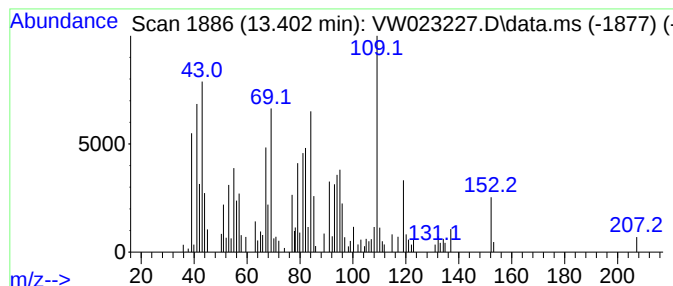
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.402	2.05 ug/L	53966	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Carveol	152	C10H16O	001197-07-5	45
2			trans-Carveol	152	C10H16O	001197-07-5	45
3			3-p-Menthen-7-al	152	C10H16O	027841-22-1	30
4			(3E,5E)-2,6-Dimethylocta-3,5,7-t...	152	C10H16O	206115-88-0	25
5			3,4-Pyridinediamine	109	C5H7N3	000054-96-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023227.D
Acq On : 21 May 2022 03:24
Operator : SY/VA
Sample : N2929-06RE
Misc : 7.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTG0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Acetaldehyde	2.495	2.3	ug/L	77561	1	8.842	843057	25.0
3-Buten-1-ol	3.019	1.9	ug/L	64165	1	8.842	843057	25.0
(DEL) Alkane: S...	3.379	2.3	ug/L	78519	1	8.842	843057	25.0
Pentanal	9.409	1.3	ug/L	44273	1	8.842	843057	25.0
Hexanal	11.073	5.1	ug/L	193065	2	11.634	951943	25.0
Hexyl chlorofo...	12.012	4.0	ug/L	150809	2	11.634	951943	25.0
2-Heptenal, (E)-	13.097	1.9	ug/L	50340	3	13.554	657091	25.0
unknown-02	13.402	2.0	ug/L	53966	3	13.554	657091	25.0